Substitute	e for form 1449B/PTO			Complete if Known			
Substitute for form 1445071 10				Application Number	09/009,294		
INF	FORMATION	DI	SCLOSURE	Filing Date	January 20, 1998		
ST	ATEMENT B	SY A	APPLICANT	First Named Inventor	Mills		
				Group Art Unit	Unknown		
	(use as many she	ets a	s necessary)	Examiner Name	Unknown		
Sheet	8	of	15	Attorney Docket Number	62-226-8A2		

		OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
OK.		Maly, et. al., "Electron Transitions on Deep Dirac Levels I", ANS Reprint, Fusion Technology, Vol. 24, (Nov. 1993), pp. 307-318.	
SX		McNally, "On the Possibility of a Nuclear Mass-Energy Resonance in D + D Reactions at Low Energy", Fusion Technology, Vol. 16, No. 2, September 1989, pp. 237-239.	
0/		Miles, et. al., "Search for Anomalous Effects Palladium Cathodes", Naval Air Warfare Center Weapons Division, Proceedings of 3 rd Int. Conf. on Cold Fusion, Nagoya, Japan, (Oct. 1992), pp. 21-25.	
9K		Miles et al, "Correlation of ExcessPalladium Cathodes", J. Electronl. Chem., 1993, pp. 99-117.	
0)(Miles et al, "Heat and HeliumExperiments", Conference Proceedings, Vol. 33, 1991, pp. 363-372.	
OK-		Miles et al, "ElectrochemicalPalladium Deuterium System", J. Electroanal Chem., 1990, pp. 241-254.	
·	•	Mills, et al, "Dibydrine Molecule Identification", Fusion Technology, Vol. 25, Jan., 1994, pp 103-119.	-
OK		Mills, et. al., "Fractional QuantumHydrogen", Fusion Technology, Vol. 28, Nov. 1995, pp. 1697-1719.	
OK-		Mills, et. al., "Excess Heat ProductionCold Fusion", Fusion Technology, Vol. 20, Feb. 1991, pp. 65-81.	
OK,		Mills, Unification of Spacetime, the Forces, Matter, Energy, HydroCatalysis Power Corporation, 1992, pp. 53-84.	
EX.			MKNOMO
0/4		Mills, "Hydrocatalysis Power Technology", Statement of Dr. Randell L. Mills, May, 1993.	
SX		Mills Technologies, "1KW Heat Exchanger System", Thermacore, Inc., Oct. 11 1991, pp. 1-6	

		1			I
Examiner Signature	TIVM	Date Consid	dered 9	14	99

Substitute	e for form 1449B/PTO			Complete if Known			
Cabbatate	, 10.10.11.11.11.11.11.11.11.11.11.11.11.1			Application Number	09/009,294		
INI	ORMATION	DI	SCLOSURE	Filing Date	January 20, 1998		
ST	ATEMENT B	Y A	APPLICANT	First Named Inventor	Mills		
				Group Art Unit	Unknown		
	(use as many she	ets a	s necessary)	Examiner Name	Unknown		
Sheet	9	of	15	Attorney Docket Number	62-226-8A2		

		OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. 1						
8		Mills Technologies, "1KW Heat Exchanger System", Thermacore, Inc., April 17, 1992, pp. 1-6					
0/		Miskelly, et. al., "Analysis of the Published Calorimetric Evidence for Electrochemical Fusion of Deuterium in Palladium", Science, Vol. 246, No. 4931, November 10, 1989, pp. 793-96.					
Ø)(,	Monroe, et. al., "A Schrodinger Cat Superposition State of an Atom", Science, Vol. 272, (May 24, 1996), pp 1131-1101.					
Ø\ <u></u>		Morrison, "Review of Progress in Cold Fusion", Transactions of Fusion Technology, Vol. 26, Dec. 1994, pp. 48-55.					
80)/	-	Morrison, "Cold Fusion Update No. 12, ICCPG", Jan. 17, 1997, available online at "www.skypoint.com".					
OK		Niedra, "Replication of the Apparent Excess Heat Effect in Light Water Cell", NASA Technical Memorandum 107167, (Feb. 1996).					
Ø/		Nieminen, "Hydrogen atoms band together", Nature, Vol. 356, 26 March 1992, pp. 289-291.					
(a) (-	Noninski, et. al., "DeterminationHeavy Water", Fusion Technology, 1990, Vol. 19, pp. 365-367.					
		Noninski, "Excess Heat During the Electrolysis of a Light WaterNickel Cathode", Fusion Technology, Vol. 21, March 1992, pp. 163-167.					
0		Notoya, et. al., "Excess Heat Production in Electrolysis Electrodes", Proceedings of the Int. Conf. on Cold Fusion, Oct. 21-25, 1992, Tokyo, Japan.					
		Notoya, "Cold Fusion Nickel Electrode", Fusion Technology, Vol. 24, pp. 202-204 (1993).					
S)X		Notoya, "Tritium Generation Nickel Electrodes", Fusion Technology, Vol. 26, pp. 179-183 (1994).					
OK		Ohashi, et al, "Decoding of Thermal Data in Fleischmann & Pons Paper", J. of Nucl. Sci & Tech., Vol. 26, No. 7, July 1989, pp. 729-732.					

										<u> </u>		
Examiner Signature		A		4	5		Date Considered		9	191	99	
EYAMINED.	Initial if reference co	middled wh	- W	7. ~>	not citatic	n ic in	conformance wi	th MDED 600	Draw line	through	ditation if not in	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw life through citation if not iconformance and not considered. Include copy of this form with next communication to applicant.

Substitute	e for form 1449B/PTO			Complete if Known				
Cabstitute	7101101111 1440077 10			Application Number	09/009,294			
INI	FORMATION	l DI	SCLOSURE	Filing Date	January 20, 1998			
ST	ATEMENT E	BY A	APPLICANT	First Named Inventor	Mills			
				Group Art Unit	Unknown			
	(use as many she	ets a	s necessary)	Examiner Name	Unknown			
Sheet	10	of	15	Attorney Docket Number	62-226-8A2			

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS								
Examiner Initials*	Cite No. 1	Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the								
		Oka, et. al., " D_2 O-fueled fusion power reactor using electromagnetically induced D - D_n , D- D_p , and Deuterium-tritium reactions-preliminary design of a reactor system", Fusion Technology, Vol. 16, No. 2, September 1989, pp. 263-267.								
Q/		Ohmori, et. al., "Excess Heat Evolution Tin Cathodes" Fusion Technology, Vol. 24, pp. 293-295 (1993).								
80X		Price, et. al., "Search for Energetic-Charged Particle Emission from Deuterated Ti and Pd Foils", Physical Review Letters, Vol. 63., No. 18, pp. 1926-1929 (10/30/1989).								
OX		Rees, "Cold FusionWhat Do We Think?", Journal of Fusion Energy, (1991), Vol. 10, No. 1, pp. 110-116.								
SX		Rogers, "Isotopic hydrogen fusion in metals", Fusion Technology, Vol. 16, No. 2, September 1989, pp. 2254-259.								
0/		Rousseau, "Case Studies in Pathological Science", Vol. 80, American Scientist, (1992), pp. 54-63.								
OK		Rout, et. al., "Phenomenon of Low Energy Emissions from Hydrogen/Deuterium Loaded Palladium", 3 rd Annual Conference on Cold Fusion (Oct. 21-25, 1992).								
SK		Salamon, et. al., "Limits Electrolytic Cells", Nature, Vol. 344, March 29, 1990, pp. 401-405.								
		Schrieder, et. al., "Search for Cold Nuclear Fusion in Palladium-Deuterium", Z. Phys. B-Condensed Matter, Vol. 76, No. 2, 1989, pp. 141-142.)							
W/		Service, "Cold Fusion:Still Going", Newsweek Focus, July 19, 1993.								
X		Shani, et. al., "Evidence for a Background Neutron Enhanced Fusion in Deuterium Absorbed Palladium", Solid State Communications, Vol. 72, No. 1, 1989, pp. 53-57.	KNOWS							
6)		Shaubach, et. al., "Anomalous HeatCarbonate", Thermacore, Inc., pp. 1-10.	WKNOW							
6		Srinivasan, et. al., "Tritium and Excess Heat Generation during Electrolysis of Aqueous Solutions of Alkali Salts with Nickel Cathode", 3 rd Annual Conference on Cold Fusion (Oct. 21-25, 1992).								

		1	
Examiner Signature	Date Considered	119	1/99

Substitut	e for form 1449B/PTO			Complete if Known				
Caboutat	0 101 101111 1 1 1 1 0 2 / 1 1 0			Application Number	09/009,294			
IN	FORMATION	l DI	SCLOSURE	Filing Date	January 20, 1998			
ST	TATEMENT E	BY A	APPLICANT	First Named Inventor	Mills			
				Group Art Unit	Unknown			
	(use as many she	ets a	s necessary)	Examiner Name	Unknown			
Sheet	11	of	15	Attorney Docket Number	62-226-8A2			

		OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
EX		Stein, "Theory May Explain Cold Fusion Puzzle", Lexis Reprint, Washington News, April 25, 1991.	
OK.		Storms, et. al., "Electrolytic Tritium Production", Fusion Technology, Vol. 17, July 1990, pp. 680-695.	\ <u></u>
6X		Stripp, "Georgia Group Outlines Errors That Led to Withdrawal of Cold Fusion Claims", The Wall Street Journal, April 26, 1989, p. B4.	
		Suplee, "Two New Theories on Cold Fusion Scientists"; The Washington Post 15 Section; p. A.1.1, (1991):	ر ا
OK		Taubes, "Bad Science", Random House, 1993, pp. 303, 425-481.	ZN)
OK	-	Vaselli et al., "Screening Effect of Impurities in Metals: A possible Explanation of the Process of Cold Nuclear Fusion", 11 Nuovo Cimento Della Societa Italiana di Fisica, Vol. 11D, No. 6, June 1989, (Bologna, Italy), pp. 927-932.	
OK.		Williams, "Upper Bounds on Cold Fusion in Electrolytic Cells", Nature, vol. 342, 23 November 1989, pp. 375-384.	
ak		Yamaguchi et al, "Direct EvidencePalladium", NTT Basic Research Laboratories, (1992) pp. 1-10.	
6X-		Ziegler, et. al., "Electrochemical Experiments in Cold Nuclear-Fusion", Physical Review Letters, Vol. 62, No. 25, June 19, 1989, pp. 2929-2932.	
80X		Zweig, "Quark Catalysis of Exothermal Nuclear Reactions", Science, Vol. 201, (1978), pp. 973-979.)
ØX-		Fleming et al., "Calorimetric Studies of Electrochemical Incorporation of Hydrogen Isotopes into Palladium", J. of Fusion Energy, vol. 9, No. 4, (Dec. 1990), pp. 517-524	
OX		Broad, "Cold Fusion Claim is Faulted on Ethics as Well As Science" New York Times, (March 17, 1991) pp. 1 and 30	
SX		Taubes, "Cold Fusion Conundrum At Texas A&M", Science, Vol. 248, (June 15, 1990), pp. 1299-1304	

		<u> </u>				
Examiner Signature	Mat		Date Considered	9	4	99

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Drawline through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute	e for form 1449B/PTO			Complete if Known			
Cubstitute	10/10/11/174405// 70			Application Number	09/009,294		
INF	FORMATION	DI	SCLOSURE	Filing Date	January 20, 1998		
ST	ATEMENT B	Y A	APPLICANT	First Named Inventor	Mills		
i				Group Art Unit	Unknown		
	(use as many she	ets a	s necessary)	Examiner Name	Unknown		
Sheet	12	of	15	Attorney Docket Number	62-226-8A2		

		OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
WK.		Henderson et al., "More Searches for Cold Fusion", J. of Fusion Energy, Vol. 9, No. 4, (December, 1990), pp. 475-477	
SK		Bosch et al., "Electrochemical Cold Fusion Trials At IPP Garching', J. of Fusion Energy, Vol. 9, No. 2, (June 1990), pp. 165-186	
		Rogers et al., "Cold Fusion Reaction Products and Their Measurement", J. of Fusion Energy, Vol. 9, No. 4, (December 1990), pp. 483-485	
SX.		Albagli, et al., "Measurement and Analysis of Neutron and Gamma-ray Emission Rates", J. of Fusion Energy, Vol, 9, No. 2, (June 1990), pp. 133-148	
X		Myers et al. "Search for Cold Fusion at D/Pd > 1 Using Ion Implantation", J. of Fusion Energy, Vol. 9, No. 3, (1990) pp. 30-37	
SOK		Wilson et al., "Analysis of experiments on the calorimetry of LiOD-D₂O electrochemical cells", J. of Electroanalytical Chemistry, Vol. 332, Nos. 1 and 2, (August 14, 1992) pp. 1-31	
SK		Silvera et al., "Deuterated palladium at temperatures from 4.3 to 400 K and pressures to 105 kbar: Search for cold fusion", Physical Review B, Vol. 42, No. 14, (November 15, 1990) pp. 9143-9146	
		Ewing et al., 'A sensitive Multi-detector Neutron Counter", IEEE transactions on Nuclear Science, Vol. 37, No. 3, (June 1990) pp. 1165-1170	
		Hadfield, "Lukewarm reception for Japanese cold fusion". New Scientist, (October 31, 19039 Page 10	
	-	Taylor et al., "Search for newtrons from dewterated palladium subject to high electrical currents", LA UR 94-970 (May 4, 1994), pp. 1-11	
SX		Huizenga, "Cold Fusion", C & EN Vol. 70, (July 20, 1992) Page 3	
OX.		Huizenga, abstract from "New developments in the cold fusion saga" Abstracts of papers of the American Chemical Society, Vol. 207 (March 13, 1994), page 6	

Examiner Signature	SINAA/	Date Considered	9/	14/	99)	

*EXAMINER: Initial if reference considered, whethere not citation is in conformance with MPEP 609. Thraw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute	e for form 1449B/PTO			Complete if Known			
				Application Number	09/009,294		
INI	FORMATION	DI	SCLOSURE	Filing Date	January 20, 1998		
ST	ATEMENT B	SY A	APPLICANT	First Named Inventor	Mills		
				Group Art Unit	Unknown		
_	(use as many she	ets a	s necessary)	Examiner Name	Unknown		
Sheet	13	of	15	Attorney Docket Number	62-226-8A2		

		OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
ØX-		Dagani, "Cold fusion believer turned skeptic crusades for more rigorous research", C & EN (June 5, 1995) pp 34-35, 38 and 40	
OK		Morrison, "Review of cold fusion" Sov. Phys. Usp. 34, (December 1991) pp.1055- 1060	
DK.		Morrison, "Comments on claims of excess enthalpy by Fleischmann and Pons using simple cells made to boil", Physics Letters A, Vol. 185, (February 1994) pp. 498-502	
ØL.		Merriman et al., "An attempted replication of the CETI cold fusion experiment" pages 1-17 available at http://www.math.ucla.edu/~barry/CF/CETIX.html	our)
(X)	ب	"Italy-Cold Fusion & Judge's Verdict" (1996), pp. 1-3, available at http;www.padrak.com/ine/CFLIBEL.html	
Ø/		Miller, Memo from Bennett Miller to Dr. Robert W. Bass, dated October 9, 1997, pp. 1-10	
ØX		Morrison, "Cold Fusion Update No. 10, dated April 1, 1995, available at http://www.skypoint.com/members/jlogajan/files/morrison.txt, pp.1-8	
8		Shelton et al., "An assessment of claims of 'excess heat' in 'cold fusion' calorimetry", Thermochimica Acta 297 (1997), pp. 7-15	
ØK.		Shkedi et al., "Calorimetry, excess heat and Faraday efficiency", Fusion Technology, Vol. 28 (November 1995) pp. 1720-1731	
SK		"EarthTech's Campaign to Replicate one of the BackLight Power Excess Heat Results20 DEC97, available at : http://www.eden.com/_little/blp/prelim.html, pp.1-41	
X	-	Jones, "Serious Flaws in Patterson (SOFE '95) Demo on Cold Fusion", available at: http://x7.dejanews.com	
(5)K	_	Blue, "Cold Fusion Lies #6", pages 1, 2, available at: http://x7.dejanews.com	947)
SIL		Blue, "Randell Mills' sells pot shards" pages 1, 2, available at: http://x7.dejanews.com	PRIC 199
0/2		Briars, "Critique of "New Energy, New Physics" story, pp. 1-9, available at: http://x7.dejanews.com	1988)
		A \$1// 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Examiner Signature		Date Considered 9/14/99	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant."

Substitute	e for form 1449B/PTO			Complete if Known			
Cobbandio	, 10, 10, 11, 14, 10, 11			Application Number	09/009,294		
INF	FORMATION	l DI	SCLOSURE	Filing Date	January 20, 1998		
ST	ATEMENT E	BY A	APPLICANT	First Named Inventor	Mills		
				Group Art Unit	Unknown		
	(use as many she	ets a	s necessary)	Examiner Name	Unknown		
Sheet	14	of	15	Attorney Docket Number	62-226-8A2		

		OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. '	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Fusion Digest, "Cold Nuclear Fusion Bibliography", 1995	
		Fusion_Digest, "Heat? Neutrons? Charged Particles?", 1993	
		Brodowsky, "Solubility and diffusion of hydrogen and deuterium in palladium and palladium alloys", Technical Bulletin, Engelhard Indust., vol. 7, no. 1-2 (1966), pp. 41-50.	
		Prop. to the United Press, "Theory May Explain 'Cold Pusion' Puzzle", 1991; Lexis Nexis Reprint	
	ے		
	!		
			ļ
		· ·	ļ

Examiner Signature	5 MM/	Date Considered	9/14	199
Signature	/	Considered		1
*EVANABLED.	Initial if reference beneithered tubether or not oite	tion is in conformance with MDE	D 600 Drotulino	through citation if not in

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Subatituta	e for form 1449B/I	OTO.	Comp	Complete if Known		
Substitute	9 10F 10ffff 1449B/I	-10	Application Number	09/009,294		
INF	FORMAT	ON DISCLOSURI	Filing Date	1/20/1998		
		T BY APPLICAN		Mills		
			Group Art Unit	1745		
	(use as man	y sheets as necessary)	Examiner Name	Kalafut		
Sheet	15	of 1.5	Attorney Docket Number			

			ATTIM TO # 12	
			OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS	
	Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
P	D 23 25	JC74 330	Vigier, "New Hydrogen Energies in Specially Structured Dense Media: Capillary Chemistry and Capillary Fusion," Proceedings of the Third Annual Conf. on Cold Fusion, Nagoya, Japan, October 21-25, 1992, H. Ikegami, Ed. Universal Acadamy Press., pp. 325-334.	
	TRADE A	RITE	Dufour, et. al., "Interaction of Palladium/Hydrogen and Palladium/Deuterium to Measure the Excess Energy Per Atom for Each Isotope," Fusion Technology, Vol. 31, pp. 198-209, March 1997.	
			. Wigier, "New-Hydrogen (Deuterium) Bohr Orbits," Proc. (CCF4, Vol. 4, p. 7-1-(1994).	
			TC,	
			JUL 2	RECE
			700 MAIL ROOM	UBVI
			3	

Examiner Signature Date Considered 9 4 99

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here is English language Translation is attached.